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FORM HDP-1449 (Based on Form PTO-1449)		ATTORNEY DOCKET NO.	SERIAL NO.
		7784-000624	New Application
		APPLICANT	
		Roger Engelbart et al.	
		FILING DATE	GROUP
		March 12, 2004	Unknown
Sheet 1 of 4			

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	QJ	4,064,534	12/20/1977	Chen et al.		
2.	QJ	4,548,859	10/22/1985	Kline et al		
3.	QJ	4,608,220	08/26/1986	Caldwell et al		
4.	QJ	4,699,683	10/13/1987	McCowin		
5.	QJ	4,760,444	07/26/1988	Nielson et al.		
6.	QJ	4,790,898	12/13/1988	Woods		
7.	QJ	4,830,298	05/16/1989	Van Blunk		
8.	QJ	4,877,471	10/31/1989	McCowin et al		
9..	QJ	5,058,497	10/22/1991	Bishop et al.		
10.	QJ	5,337,647	08/16/1994	Roberts et al		
11.	QJ	5,439,549	08/08/1995	Fryc et al		
12.	QJ	5,450,147	09/12/1995	Dorsey-Palmateer		
13.	QJ	5,540,126	07/30/1996	Piramoon		
14.	QJ	5,651,600	07/29/1997	Dorsey-Palmateer		
15.	QJ	5,700,337	12/23/1997	Jacobs et al.		
16.	QJ	5,804,276	09/08/1998	Jacobs et al		
17.	QJ	5,814,386	09/29/1998	Vasiliev et al		
18.	QJ	5,871,117	02/16/1999	Protasov et al		
19.	QJ	5,963,660	10/05/1999	Koontz et al		
20.	QJ	5,979,531	11/9/1999	Barr et al		
21.	QJ	6,013,341	01/11/2000	Medvedev et al		
22.	QJ	6,045,651	04/04/2000	Kline et al		
23.	QJ	6,074,716	06/13/2000	Tsotsis		

Examiner: QJ Date Considered: 9/26/04

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE**  
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Sheet 2 of 4

ATTORNEY DOCKET NO.	SERIAL NO.
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**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
24.	QJ	6,086,696	07/11/2000	Gallagher		
25.	QJ	6,112,792	09/05/2000	Barr et al		
26.	QJ	6,390,169	05/21/2002	Johnson		
27.	QJ	6,451,152	09/17/2002	Holmes et al		
28.	QJ	6,480,271	11/12/2002	Cloud et al		
29.	QJ	U.S. Patent Application S/N 10/068,735 entitled COMPOSITE MATERIAL COLLATION MACHINE AND ASSOCIATED METHOD FOR HIGH RATE COLLATION OF COMPOSITE MATERIALS	02/06/2002	Engelbart et al.		
30.	QJ	U.S. Patent Application S/N 10/217,805 entitled SYSTEM FOR IDENTIFYING DEFECTS IN A COMPOSITE STRUCTURE	08/13/2002	Engelbart et al.		
31.	QJ	US2002/0141632 A1	10/03/2002	Engelbart et al.		

Examiner:

Date Considered: 9/26/04

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Sheet 3 of 4

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Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
32.	<i>QJ</i>	U.S. Patent Application S/N 10/628,691 entitled SYSTEMS AND METHODS FOR IDENTIFYING FOREIGN OBJECTS AND DEBRIS (FOD) AND DEFECTS DURING FABRICATION OF A COMPOSITE STRUCTURE	07/28/2003	Engelbart, et al.		
33.	<i>QJ</i>	U.S. Patent Application S/N 10/664,148; entitled COMPOSITE MATERIAL COLLATION MACHINE AND ASSOCIATED METHOD FOR HIGH RATE COLLATION OF COMPOSITE MATERIALS; divisional application of 10/068,735	09/17/2003	Engelbart, et al.		

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Sheet 4 of 4

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**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
34.	<i>RJ</i>	U.S. Patent Application S/N 10/726,099 entitled SYSTEMS AND METHODS FOR DETERMINING DEFECT CHARACTERISTICS OF A COMPOSITE STRUCTURE	12/2/2003	Engelbart, et al.		

**FOREIGN PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes	No

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)**

Ref. Desig.	Examiner's Initials	
35.	<i>RJ</i>	Sharp et al.; "Material Selection/Fabrication Issues for Thermoplastic Fiber Placement", Journal of Thermoplastic Composite Materials, Vol. 8; January, 1995, pg. 2-14

Examiner:

*RJ*

Date Considered:

*9/26/04*

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		7784-000624	10/799,306
		APPLICANT	
		Engelbart et al	
		FILING DATE	GROUP
		March 12, 2004	Unknown

PATENT AND TRADEMARK OFFICE  
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Sheet 1 of 3

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	QJ	3,879,245	04/22/1975	Fetherson, et al		
2.	QJ	4,693,678	09/15/1987	Von Volkli		
3.	QJ	4,780,262	10/25/1988	Von Volkli		
4.	QJ	5,683,646	11/04/1997	Reilling Jr.		
5.	QJ	5,746,553	05/05/1998	Engwall		
6.	QJ	6,012,883	01/11/2000	Engwall, et al		
7.	QJ	6,168,358	01/02/2001	Engwall, et al		
8.	QJ	U.S. patent application No. 10/301,949 entitled PARALLEL CONFIGURATION COMPOSITE MATERIAL FABRICATOR		Engelbart et al		11/22/2002
9.	QJ	U.S. patent application No. 10/630,594 entitled COMPOSITE FUSELAGE MACHINE		Braun		07/28/2003
10.	QJ	U.S. patent application No. 10/646,316 entitled UNIDIRECTIONAL MULTIHEAD FIBER PLACEMENT		New		08/22/2003

Examiner: QJ Date Considered: 9/26/04

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FORM HDP-1449 (Based on Form PTO-1449)		ATTORNEY DOCKET NO.	SERIAL NO.
		7784-000624	10/799,306
		APPLICANT	
		Engelbart et al	
		FILING DATE	GROUP
		March 12, 2004	
Sheet 2 of 3			

U.S. PATENT DOCUMENTS					
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass (If appropriate) Filing Date
11.	<i>RJ</i>	U.S. patent application No. 10/646,392 entitled AUTOMATED COMPOSITE LAY-UP TO AN INTERNAL FUSELAGE MANDREL		Engwall	08/22/2003
12.	<i>RJ</i>	U.S. patent application No. 10/646,509 entitled MULTIPLE HEAD AUTOMATED COMPOSITE LAMINATING MACHINE FOR THE FABRICATION OF LARGE BARREL SECTION COMPONENTS		Johnson	08/22/2003
13.	<i>RJ</i>	U.S. patent application No. 10/717,030 entitled METHOD OF TRANSFERRING LARGE UNCURED COMPOSITE LAMINATES		Johnson	11/18/2003

Examiner: <i>RJ</i>	Date Considered: <i>9/26/04</i>
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		7784-000624	10/799,306
		APPLICANT	
		Engelbart et al	
		FILING DATE	GROUP
		March 12, 2004	

PATENT AND TRADEMARK OFFICE  
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Sheet 3 of 3

FOREIGN PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No
1.						

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.	<i>QJ</i>	<a href="http://www.cinmach.com/WolfTracks4_1/MTG_WT7.htm">http://www.cinmach.com/WolfTracks4_1/MTG_WT7.htm</a> ; Premier I Features Lighter, Stronger All-Composite Fuselage, 3 pages
2.	<i>QJ</i>	<a href="http://www.cinmach.com/compnews/PressReleases/pr00-11.htm">http://www.cinmach.com/compnews/PressReleases/pr00-11.htm</a> ; Raytheon Aircraft Orders Four More Fiber Cincinnati Fiber Placement Systems for Industry's First Composite-Fuselage Business Jets, 2 pages
3.	<i>QJ</i>	<a href="http://www.rockymountaincomposites.com/wind_sys.htm">http://www.rockymountaincomposites.com/wind_sys.htm</a> ; Filament Winding, 2 pages

Examiner: <i>QJ</i>	Date Considered: <i>7/26/04</i>
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EV-4040531v1 US

FORM HDP-1448 (Based on Form PTO-1449)		ATTORNEY DOCKET NO.	SERIAL NO.
		7784-000624	10/799,306
		APPLICANT	
		Roger Engelbart et al	
		FILING DATE	GROUP
		March 12, 2004	Unknown

PATENT AND TRADEMARK OFFICE  
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Sheet 1 of 3

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
1.	QJ	4,310,132	01/12/1982	Robinson et al		
2.	QJ	5,024,399	06/18/1991	Barquet et al		
3.	QJ	6,364,250	04/02/2002	Brinck et al		
4.	QJ	6,648,273	11/18/2003	Anast		
5.	QJ	6,692,681	02/17/2004	Lunde		
6.	QJ	U.S. Patent Application S/N 10/822,538 entitled SYSTEMS AND METHODS FOR USING LIGHT TO INDICATE DEFECT LOCATIONS ON A COMPOSITE STRUCTURE		Engelbart et al		03/12/2004

Examiner:	<u>QJ</u>	Date Considered:	<u>9/26/04</u>
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PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANT	
		Roger Engelbart et al	
		FILING DATE	GROUP
		March 12, 2004	Unknown
Sheet 2 of 3			

U.S. PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date
7.	<i>RJ</i>	U.S. pending patent application No. 10/846,974 entitled SYSTEMS AND METHODS FOR IDENTIFYING FOREIGN OBJECTS AND DEBRIS (FOD) AND DEFECTS DURING FABRICATION OF A COMPOSITE STRUCTURE		Engelbart et al		05/14/2004
8.	<i>RJ</i>	U.S. pending patent application No. (not yet assigned) entitled COMPOSITE BARREL SECTIONS FOR AIRCRAFT FUSELAGES AND OTHER STRUCTURES, AND METHODS AND SYSTEMS FOR MANUFACTURING SUCH BARREL SECTIONS		Biornstad		05/20/2004

Examiner: <i>RJ</i>	Date Considered: 9/26/04
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		7784-000624	10/799,306
<b>PATENT AND TRADEMARK OFFICE</b> <b>INFORMATION DISCLOSURE CITATION</b> <small>(Use several sheets if necessary)</small>		APPLICANT	
		Roger Engelbart et al	
		FILING DATE	GROUP
Sheet 3 of 3		March 12, 2004	Unknown

FOREIGN PATENT DOCUMENTS						
Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation Yes No
1.						

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)		
Ref. Desig.	Examiner's Initials	
1.	<i>BJ</i>	Fiedler, L., et al, "Tango Composite Fuselage Platform", SAMPE Journal, Vol. 39, No. 1, January/February 2003, pages 57-63
2.	<i>BJ</i>	BAe 146, Flight International, May 2, 1981, 2 pages
3.	<i>BJ</i>	A Barreful of Experience, Intervia, May 1992, 2 pages
4.	<i>BJ</i>	Raytheon, March 2000, Vol. 4, No. 2, <a href="http://www.cts.com/king/vasci/newsletter/vol42.html">http://www.cts.com/king/vasci/newsletter/vol42.html</a>
5.	<i>BJ</i>	Business Aviation, June 7, 2002, <a href="http://www.aviationnow.com/avnow/news/channel_busav.jsp?view=story&amp;id=news/btovo0607.xml">http://www.aviationnow.com/avnow/news/channel_busav.jsp?view=story&amp;id=news/btovo0607.xml</a>
6.	<i>BJ</i>	Beechcraft's Composit Challenge, <a href="http://www.aerotalk.com/Beech.cfm">http://www.aerotalk.com/Beech.cfm</a>
7.	<i>BJ</i>	EVANS, Don O., "Fiber Placement", 3 pages, Cincinnati Machine, pages 477-479

Examiner: <i>BJ</i>	Date Considered: <i>9/26/04</i>
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